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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-675

Application or Docking Number

09/31/184

CLAIMS AS FILED - PART I

| (Column 1) | | (Column 2) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|--------------|--------------|--------------|-----|----|-------------------------|-----|
| FOR | NUMBER FILED | NUMBER EXTRA | RATE | FEE | | RATE | FEE |
| (37 CFR 1.16(c)) | | minus 20 = | X \$ | | OR | X \$ | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | | minus 3 = | X \$ | | OR | X \$ | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | + | | OR | + | |
| | | | TOTAL | | OR | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

3-9-01

| | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 16 | minus 20 = | | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 4 | minus 3 = | | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

10-19-01

| | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 13 | minus 20 = | | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 6 | minus 3 = | | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

9-6-02

| | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | | minus 20 = | | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | | minus 3 = | | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/06 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-675

Application or Docket Number
09/313,184

CLAIMS AS FILED - PART I

| (Column 1) | | (Column 2) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|--------------|--------------|--------------|-----|----|-------------------------|-----|
| FOR | NUMBER FILED | NUMBER EXTRA | RATE | FEE | | RATE | FEE |
| (37 CFR 1.16(c)) | minus 20 = | | X \$ | | OK | X \$ | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | minus 3 = | | X \$ | | OR | X \$ | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | + | | OR | + | |
| | | | TOTAL | | OR | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

1-21-03

| AMENDMENT A | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 13 | 20 | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 6 | 6 | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

8-21-03

| AMENDMENT B | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 15 | 20 | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 7 | 6 | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

3-8-04

| AMENDMENT C | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 16 | 20 | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 8 | 7 | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + | | OR | + | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

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3/3

PTO/SB06 (08-03)

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PATENT APPLICATION FEE DETERMINATION RECORD

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Application or Patent Number

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CLAIMS AS FILED - PART I

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| FOR | NUMBER FILED | NUMBER EXTRA | RATE | FEE | | RATE | FEE |
| (37 CFR 1.16(c)) | minus 20 = | | X \$ | | OR | X \$ | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | minus 3 = | | X \$ | | OR | X \$ | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | + \$ | | OR | + \$ | |
| | | | TOTAL | | OR | TOTAL | |

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CLAIMS AS AMENDED - PART II

| AMENDMENT A | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | 16 | 20 | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | 8 | 20 | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + \$ | | OR | + \$ | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

| AMENDMENT B | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | | | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | | | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + \$ | | OR | + \$ | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

| AMENDMENT C | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | | OR | OTHER THAN SMALL ENTITY | |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | | RATE | ADDITIONAL FEE |
| Total (37 CFR 1.16(c)) | | | = | X \$ | | OR | X \$ | |
| Independent (37 CFR 1.16(b)) | | | = | X \$ | | OR | X \$ | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | + \$ | | OR | + \$ | |
| | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |

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